

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P636339

Luminaire Tested: GWS-SA3F-750-U-SLR-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P636339
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-43)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3F-750-U-SLR-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND
SPILL LIGHT ELIMINATOR RIGHT OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19568.4 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B3 - U0 - G3

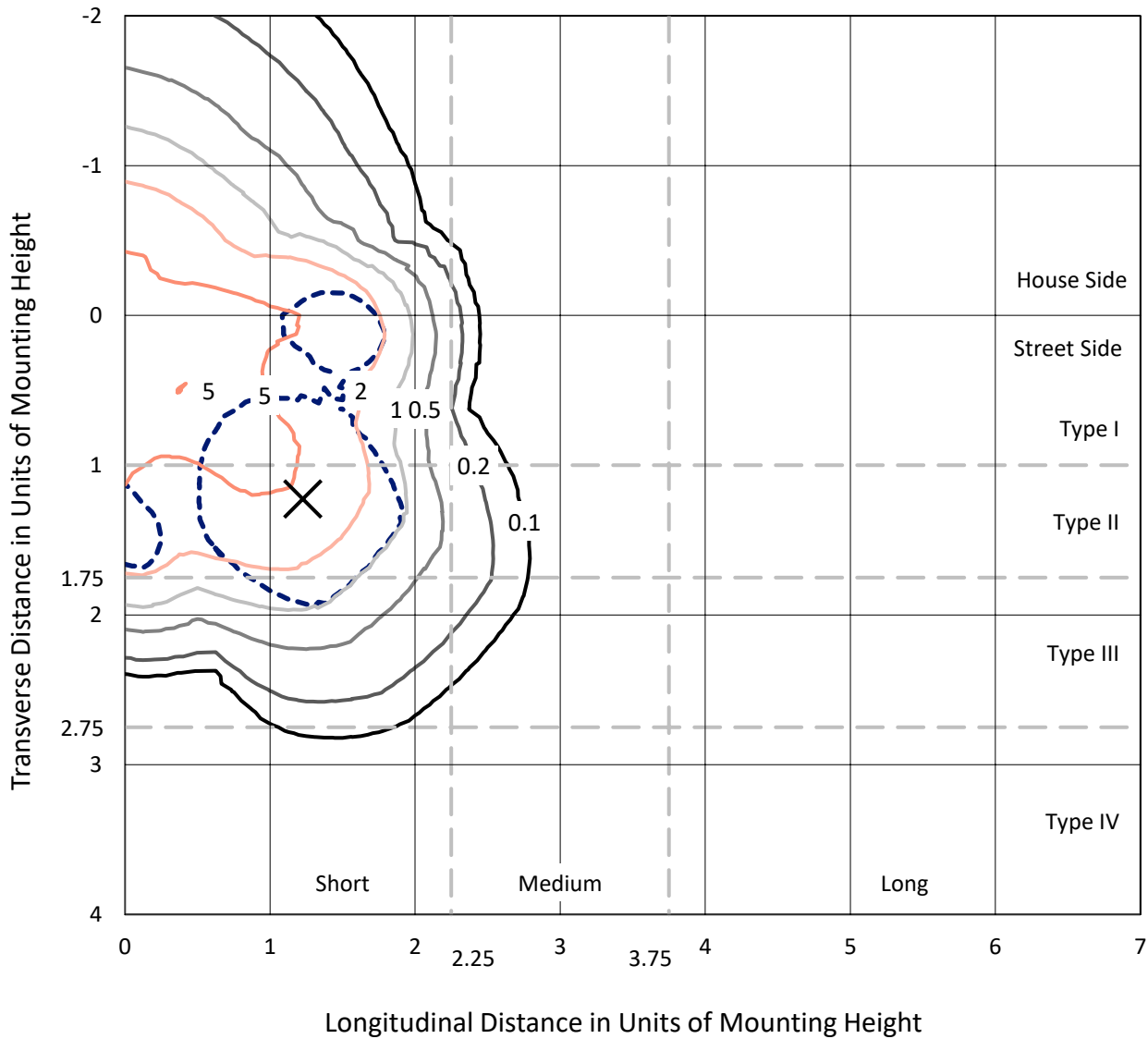
Input Watts (W): 183.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

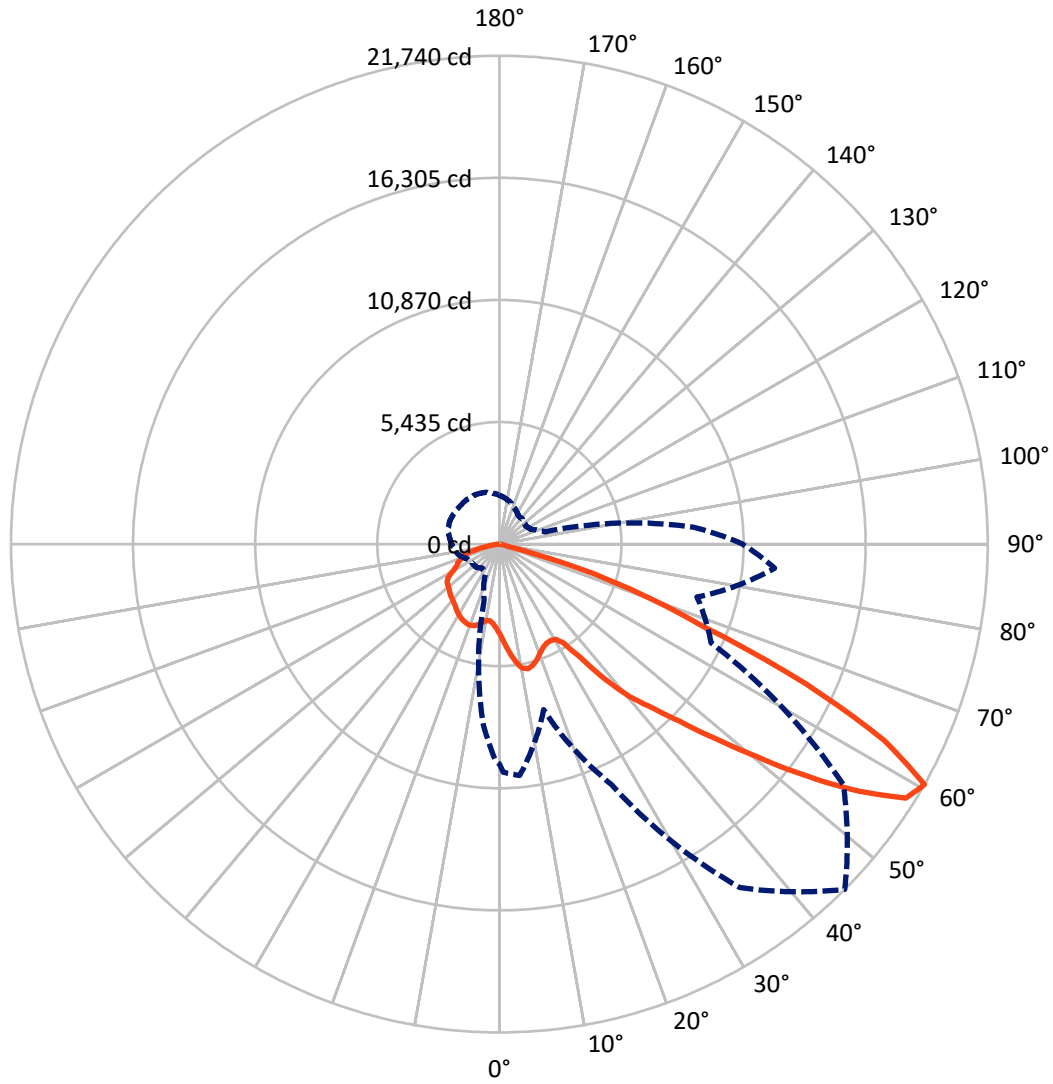
✕ Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 8.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6859.4	0.0	6859.4
	% Fixture	35.1	0.0	35.1
Street Side	Lumens	12709.0	0.0	12709.0
	% Fixture	64.9	0.0	64.9
Total	Lumens	19568.4	0.0	19568.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	392.2	2.0
10°-20°	1239.4	6.3
20°-30°	2013.2	10.3
30°-40°	2839.3	14.5
40°-50°	3923.8	20.1
50°-60°	5051.1	25.8
60°-70°	3200.4	16.4
70°-80°	821.2	4.2
80°-90°	87.8	0.4
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	19568.4	100.0
0°-180°	19568.4	100.0

Coefficient of Utilization



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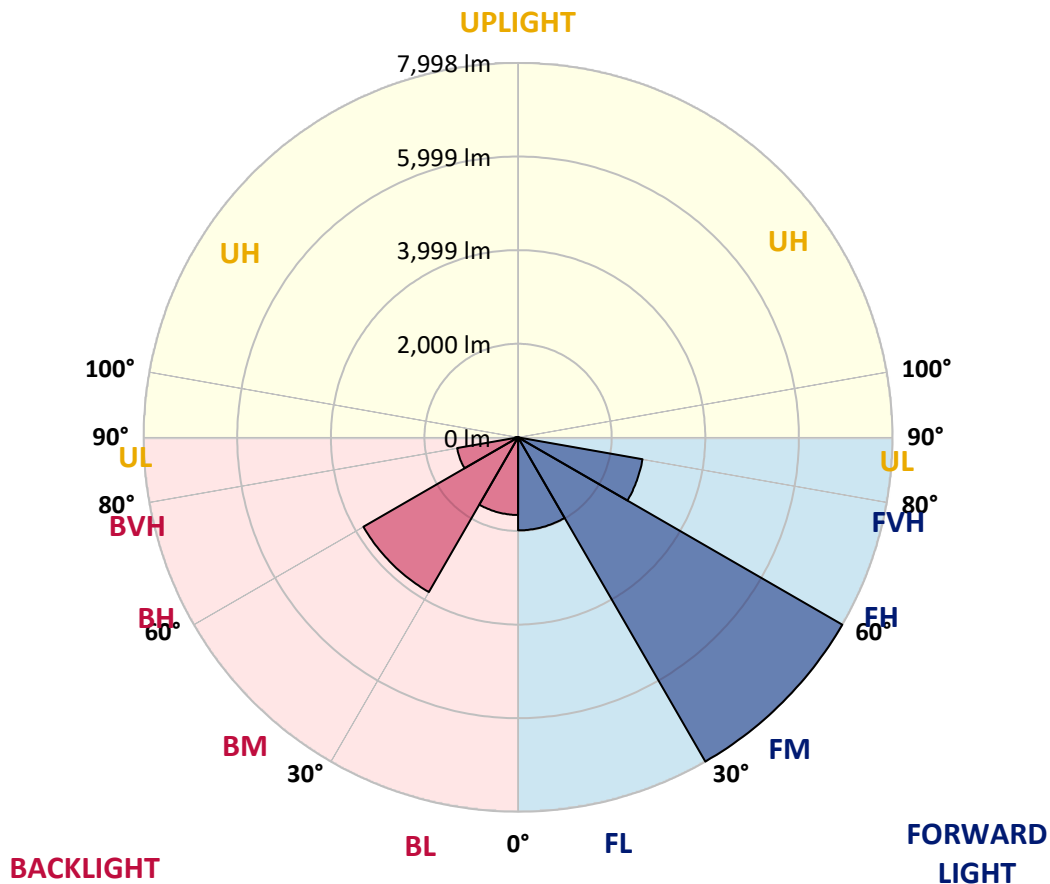
CATALOG NUMBER: GWS-SA3F-750-U-SLR-W-GRSWH

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1986.9	10.2			
FM (30°-60°)	7998.4	40.9			
FH (60°-80°)	2699.8	13.8			G2/5000
FVH (80°-90°)	23.9	0.1			G1/100
BL (0°-30°)	1657.9	8.5	B3/2500		
BM (30°-60°)	3815.7	19.5	B3/5000		
BH (60°-80°)	1321.9	6.8	B3/2500		G3/2500
BVH (80°-90°)	64.0	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9
2.5°	4204.6	4233.3	4251.2	4285.3	4346.3	4380.3	4418.0	4376.7	4387.5	4382.1	4315.8
5°	4453.8	4487.9	4534.5	4634.9	4747.9	4810.6	4869.8	4860.8	4805.3	4712.0	4645.7
7.5°	4686.9	4726.4	4807.1	4970.2	5137.0	5233.8	5305.5	5258.9	5212.3	5065.2	4898.5
10°	4869.8	4893.1	5002.5	5221.2	5414.9	5524.3	5612.1	5601.4	5536.8	5371.9	5147.7
12.5°	5041.9	5058.1	5176.4	5395.2	5569.1	5617.5	5689.2	5712.5	5691.0	5567.3	5346.7
15°	5226.6	5257.1	5366.5	5533.2	5612.1	5561.9	5587.0	5651.6	5712.5	5712.5	5509.9
17.5°	5398.7	5425.6	5536.8	5608.5	5533.2	5400.5	5407.7	5490.2	5635.4	5787.8	5658.7
20°	5551.2	5576.3	5685.6	5617.5	5379.0	5185.4	5180.0	5280.4	5515.3	5836.2	5818.3
22.5°	5717.9	5753.8	5845.2	5624.7	5235.6	4989.9	4988.1	5092.1	5409.5	5884.7	6001.2
25°	5954.6	6010.2	6056.8	5687.4	5158.5	4862.6	4885.9	4984.6	5375.4	5963.5	6271.9
27.5°	6306.0	6350.8	6347.2	5818.3	5154.9	4810.6	4859.1	4973.8	5436.4	6103.4	6557.0
30°	6686.1	6709.4	6671.8	6001.2	5237.4	4842.9	4914.6	5050.9	5590.6	6334.7	6976.6
32.5°	7107.5	7136.2	7064.4	6275.5	5429.2	5081.4	5239.2	5305.5	5807.6	6668.2	7421.3
35°	7591.6	7647.2	7498.4	6637.7	5994.0	5951.0	6180.5	6094.4	6268.4	7062.7	7896.4
37.5°	8100.8	8102.6	7889.2	7173.8	7102.1	7175.6	7634.6	7365.7	7245.5	7501.9	8380.5
40°	8532.9	8522.2	8194.0	7896.4	8066.7	8359.0	8913.0	8500.6	8185.1	8091.8	8782.2
42.5°	8965.0	8925.6	8593.9	8355.4	8731.9	9332.6	9958.4	9452.7	8787.5	8628.0	9178.4
45°	9517.3	9504.7	9104.9	8538.3	9332.6	10422.8	11252.9	10433.5	9144.3	8939.9	9838.2
47.5°	10408.4	10347.4	9603.3	8524.0	9895.6	11875.1	12924.0	11668.9	9393.6	8947.1	10903.3
50°	11279.8	11204.5	10198.6	8522.2	10476.5	13381.2	14896.3	13169.6	9648.2	8990.1	11986.3
52.5°	12160.2	12160.2	11175.8	8724.8	11086.2	15063.1	17175.2	15039.7	10082.1	9553.1	13318.5
55°	12683.7	12823.6	12274.9	9067.2	11799.8	17042.5	19429.0	17058.7	10752.7	10569.8	14548.5
57.5°	12018.5	12280.3	12201.4	8828.8	12221.1	18496.7	21340.4	18589.9	11084.4	10689.9	14363.8
60°	9793.4	10157.4	10338.5	7623.9	11805.2	18665.2	21740.2	18690.3	10399.4	9103.1	12303.6
62.5°	6510.4	6809.8	7086.0	5447.2	10220.1	16791.5	19228.2	16796.9	8685.3	6793.7	8524.0
65°	3193.3	3415.7	3713.3	3220.2	7984.3	14030.3	14991.3	13573.1	6282.7	3803.0	4348.0
67.5°	835.5	898.3	939.5	1249.7	5719.7	10080.3	9777.3	9927.9	4036.1	1242.6	1136.8
70°	433.9	437.5	435.7	516.4	3865.7	6406.4	6738.1	6234.3	2816.8	520.0	448.3
72.5°	310.2	312.0	306.6	347.8	1866.5	3670.3	3803.0	3761.7	1475.6	308.4	306.6
75°	202.6	204.4	200.8	204.4	281.5	417.8	385.5	405.2	245.6	195.4	195.4
77.5°	120.1	121.9	120.1	123.7	120.1	120.1	111.2	111.2	105.8	105.8	107.6
80°	80.7	80.7	78.9	82.5	75.3	75.3	71.7	69.9	64.5	62.8	62.8
82.5°	48.4	50.2	48.4	48.4	44.8	44.8	41.2	39.4	34.1	34.1	32.3
85°	25.1	25.1	23.3	23.3	19.7	17.9	14.3	14.3	10.8	9.0	9.0
87.5°	3.6	3.6	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9
2.5°	4297.8	4262.0	4208.2	4156.2	4107.8	4057.6	4000.2	3941.0	3890.8	3838.8	3811.9
5°	4557.8	4484.3	4344.5	4220.7	4109.6	4018.1	3919.5	3835.2	3756.4	3691.8	3659.5
7.5°	4792.7	4678.0	4466.4	4270.9	4120.3	3994.8	3858.6	3733.0	3627.3	3548.4	3517.9
10°	5009.7	4873.4	4595.5	4348.0	4172.3	4032.5	3865.7	3695.4	3555.5	3451.5	3426.4
12.5°	5185.4	5029.4	4697.7	4410.8	4202.8	4052.2	3905.2	3758.1	3620.1	3485.6	3464.1
15°	5341.4	5156.7	4774.8	4450.2	4192.1	4000.2	3876.5	3858.6	3858.6	3706.1	3663.1
17.5°	5475.8	5273.2	4837.5	4468.2	4123.9	3846.0	3770.7	3926.7	4102.4	3993.0	3896.2
20°	5630.0	5384.4	4889.5	4468.2	3998.4	3650.6	3643.4	3908.8	4168.7	4170.5	4068.3
22.5°	5786.0	5513.5	4950.5	4452.0	3826.3	3424.6	3557.3	3837.0	4068.3	4166.9	4097.0
25°	6038.8	5692.8	5047.3	4439.5	3625.5	3270.4	3480.2	3742.0	3937.4	4041.4	3996.6
27.5°	6359.8	5929.5	5194.3	4459.2	3426.4	3179.0	3397.7	3618.3	3795.8	3887.2	3855.0
30°	6718.4	6202.0	5352.1	4493.3	3283.0	3132.4	3299.1	3476.6	3634.4	3725.9	3711.5
32.5°	7175.6	6497.9	5488.4	4446.7	3202.3	3109.1	3195.1	3322.4	3474.8	3532.2	3544.8
35°	7722.5	6824.2	5592.4	4263.8	3128.8	3084.0	3082.2	3161.1	3268.7	3360.1	3369.1
37.5°	8226.3	7206.1	5707.1	3950.0	2996.1	3021.2	2949.5	2996.1	3101.9	3193.3	3229.2
40°	8724.8	7593.4	5866.7	3550.2	2822.2	2881.4	2797.1	2829.4	2913.6	3033.8	3091.1
42.5°	9208.9	7943.0	6035.3	3141.3	2648.3	2685.9	2623.2	2655.4	2743.3	2893.9	2958.5
45°	9736.0	8416.4	6166.2	2755.9	2497.7	2481.5	2431.3	2477.9	2610.6	2775.6	2852.7
47.5°	10732.9	9162.3	6252.2	2499.5	2417.0	2300.4	2243.1	2343.5	2494.1	2660.8	2754.1
50°	11950.4	10241.7	6227.1	2336.3	2347.0	2114.0	2094.2	2226.9	2388.3	2562.2	2664.4
52.5°	12915.0	11301.3	5942.0	2180.3	2210.8	1995.6	1938.2	2131.9	2286.1	2463.6	2569.4
55°	13652.0	11658.1	5067.0	1995.6	1988.4	1909.6	1789.4	2033.3	2183.9	2348.8	2463.6
57.5°	13051.3	10863.8	3756.4	1741.0	1698.0	1739.2	1622.7	1866.5	2058.4	2221.5	2323.7
60°	10831.6	8662.0	2092.4	1542.0	1420.1	1520.5	1502.5	1690.8	1922.1	2094.2	2182.1
62.5°	7353.1	5768.1	1240.8	1219.2	1151.1	1294.6	1389.6	1513.3	1741.0	1880.9	1963.3
65°	3664.9	2802.5	824.8	912.6	921.6	1065.0	1244.3	1380.6	1570.7	1714.1	1796.6
67.5°	1063.3	871.4	627.6	697.5	794.3	909.1	1052.5	1213.9	1398.5	1568.9	1665.7
70°	459.0	464.4	498.5	580.9	676.0	794.3	937.7	1095.5	1251.5	1382.4	1455.9
72.5°	324.5	337.1	374.7	459.0	548.7	661.6	805.1	957.5	1070.4	1203.1	1280.2
75°	208.0	217.0	247.4	312.0	378.3	487.7	624.0	763.8	880.4	975.4	1048.9
77.5°	114.8	116.5	141.6	179.3	224.1	294.1	394.5	503.8	589.9	643.7	710.0
80°	66.3	66.3	78.9	102.2	129.1	172.1	227.7	281.5	333.5	367.6	399.8
82.5°	35.9	35.9	41.2	55.6	69.9	95.0	127.3	154.2	186.5	204.4	225.9
85°	10.8	10.8	14.3	19.7	25.1	35.9	50.2	64.5	78.9	91.4	104.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	185°	195°	205°	215°	225°	235°	245°	255°	265°	270°	275°
0°	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9
2.5°	3806.6	3781.5	3767.1	3749.2	3754.6	3738.4	3729.5	3734.8	3702.6	3734.8	3767.1
5°	3647.0	3611.1	3582.4	3559.1	3548.4	3526.8	3514.3	3514.3	3494.6	3526.8	3566.3
7.5°	3507.1	3478.4	3464.1	3449.7	3433.6	3413.9	3392.4	3385.2	3372.6	3406.7	3440.8
10°	3413.9	3417.5	3426.4	3446.2	3442.6	3430.0	3397.7	3379.8	3379.8	3419.3	3471.3
12.5°	3456.9	3494.6	3516.1	3551.9	3559.1	3548.4	3516.1	3501.7	3537.6	3596.8	3682.8
15°	3623.7	3648.8	3666.7	3695.4	3693.6	3684.6	3659.5	3670.3	3788.6	3903.4	3980.5
17.5°	3804.8	3776.1	3772.5	3790.4	3795.8	3785.0	3770.7	3819.1	4014.5	4122.1	4161.6
20°	3935.7	3837.0	3815.5	3822.7	3837.0	3831.7	3831.7	3910.5	4113.2	4163.4	4113.2
22.5°	3975.1	3835.2	3803.0	3804.8	3824.5	3826.3	3835.2	3917.7	4036.1	4037.9	3960.8
25°	3912.3	3777.9	3754.6	3758.1	3781.5	3779.7	3783.2	3829.9	3881.9	3860.3	3803.0
27.5°	3794.0	3677.5	3670.3	3690.0	3720.5	3704.4	3693.6	3706.1	3731.2	3704.4	3654.1
30°	3659.5	3560.9	3564.5	3602.2	3634.4	3607.5	3580.6	3587.8	3589.6	3560.9	3503.5
32.5°	3517.9	3444.4	3456.9	3496.4	3534.0	3505.3	3476.6	3473.1	3439.0	3404.9	3349.3
35°	3376.2	3347.5	3363.7	3396.0	3428.2	3404.9	3387.0	3376.2	3302.7	3252.5	3205.9
37.5°	3247.1	3268.7	3297.3	3317.1	3327.8	3326.0	3315.3	3290.2	3193.3	3134.2	3073.2
40°	3132.4	3198.7	3229.2	3238.2	3254.3	3250.7	3248.9	3213.1	3085.8	3023.0	2953.1
42.5°	3028.4	3121.6	3173.6	3182.6	3191.6	3193.3	3188.0	3136.0	2990.7	2917.2	2850.9
45°	2928.0	3049.9	3116.2	3107.3	3119.8	3119.8	3125.2	3057.1	2897.5	2822.2	2752.3
47.5°	2840.1	2983.6	3044.5	3033.8	3040.9	3046.3	3051.7	2972.8	2795.3	2723.6	2651.9
50°	2759.4	2911.8	2963.8	2967.4	2967.4	2980.0	2978.2	2901.1	2709.2	2632.1	2560.4
52.5°	2673.4	2838.3	2893.9	2917.2	2924.4	2929.8	2904.7	2815.0	2621.4	2528.1	2461.8
55°	2573.0	2763.0	2813.2	2843.7	2858.1	2854.5	2820.4	2729.0	2531.7	2438.5	2363.2
57.5°	2420.6	2601.7	2673.4	2687.7	2711.0	2696.7	2657.2	2580.1	2388.3	2295.0	2218.0
60°	2253.8	2384.7	2442.1	2454.6	2436.7	2442.1	2436.7	2363.2	2196.4	2122.9	2044.0
62.5°	2035.1	2151.6	2212.6	2228.7	2198.2	2218.0	2210.8	2119.3	1952.6	1875.5	1805.6
65°	1870.1	1997.4	2069.1	2078.1	2069.1	2078.1	2053.0	1941.8	1784.0	1705.2	1633.4
67.5°	1741.0	1871.9	1947.2	1972.3	1963.3	1961.6	1922.1	1793.0	1629.8	1543.8	1452.3
70°	1518.7	1633.4	1730.3	1791.2	1791.2	1757.1	1681.8	1561.7	1430.8	1357.3	1285.6
72.5°	1344.8	1490.0	1585.0	1647.8	1660.3	1640.6	1534.8	1407.5	1256.9	1183.4	1108.1
75°	1108.1	1249.7	1351.9	1434.4	1450.5	1429.0	1307.1	1181.6	1041.7	970.0	894.7
77.5°	740.5	824.8	907.3	982.6	966.4	980.8	898.3	803.3	717.2	663.4	629.3
80°	417.8	473.4	498.5	539.7	539.7	539.7	485.9	441.1	392.7	362.2	328.1
82.5°	236.7	272.5	283.3	317.4	326.3	328.1	292.3	263.6	233.1	217.0	193.6
85°	109.4	129.1	130.9	150.6	157.8	172.1	156.0	136.3	118.3	111.2	96.8
87.5°	3.6	10.8	14.3	26.9	35.9	41.2	44.8	44.8	37.7	34.1	28.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P636339

CATALOG NUMBER: GWS-SA3F-750-U-SLR-W-GRSWH

CANDELA DISTRIBUTION (continued):

	285°	295°	305°	315°	325°	335°	345°	355°	359°	360°
0°	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9	4019.9
2.5°	3806.6	3849.6	3899.8	3935.7	4000.2	4054.0	4109.6	4170.5	4215.4	4204.6
5°	3614.7	3686.4	3777.9	3862.1	3982.3	4104.2	4238.7	4376.7	4457.4	4453.8
7.5°	3507.1	3609.3	3720.5	3833.5	3975.1	4150.8	4357.0	4572.2	4681.5	4686.9
10°	3564.5	3673.9	3749.2	3844.2	3993.0	4213.6	4461.0	4719.2	4844.7	4869.8
12.5°	3745.6	3736.6	3731.2	3799.4	3978.7	4258.4	4561.4	4869.8	5011.5	5041.9
15°	3917.7	3733.0	3621.9	3668.5	3914.1	4287.1	4660.0	5034.8	5194.3	5226.6
17.5°	3950.0	3670.3	3464.1	3496.4	3811.9	4296.0	4755.1	5196.1	5368.3	5398.7
20°	3860.3	3589.6	3349.3	3304.5	3682.8	4272.7	4814.2	5330.6	5518.9	5551.2
22.5°	3747.4	3517.9	3263.3	3146.7	3525.1	4249.4	4880.6	5472.3	5689.2	5717.9
25°	3629.0	3426.4	3182.6	3005.1	3345.8	4235.1	4991.7	5658.7	5920.5	5954.6
27.5°	3503.5	3315.3	3112.7	2936.9	3180.8	4253.0	5149.5	5960.0	6257.6	6306.0
30°	3369.1	3204.1	3067.8	2913.6	3067.8	4269.2	5323.4	6268.4	6618.0	6686.1
32.5°	3229.2	3101.9	3021.2	2924.4	2997.9	4231.5	5475.8	6614.4	7048.3	7107.5
35°	3089.4	2997.9	2962.0	2944.1	2904.7	4093.4	5599.6	6964.0	7539.6	7591.6
37.5°	2958.5	2890.3	2879.6	2899.3	2761.2	3867.5	5743.0	7408.7	8021.9	8100.8
40°	2836.5	2773.8	2772.0	2768.4	2603.4	3559.1	5936.6	7860.5	8497.1	8532.9
42.5°	2723.6	2644.7	2659.0	2616.0	2474.4	3225.6	6119.5	8246.0	8939.9	8965.0
45°	2623.2	2519.2	2535.3	2481.5	2413.4	2876.0	6280.9	8701.5	9501.1	9517.3
47.5°	2526.3	2415.2	2370.4	2366.8	2402.6	2553.2	6438.7	9578.2	10379.7	10408.4
50°	2436.7	2316.6	2189.3	2268.2	2336.3	2311.2	6635.9	10517.8	11287.0	11279.8
52.5°	2350.6	2192.8	2011.8	2164.2	2164.2	2131.9	6580.3	11088.0	12036.5	12160.2
55°	2252.0	1993.8	1827.1	1990.2	1911.3	1970.5	5596.0	11274.4	12508.0	12683.7
57.5°	2056.6	1748.2	1602.9	1690.8	1572.5	1827.1	4019.9	10349.2	11706.5	12018.5
60°	1868.3	1567.1	1472.1	1455.9	1301.7	1490.0	2605.2	8102.6	9635.6	9793.4
62.5°	1647.8	1411.1	1330.4	1206.7	1047.1	1084.8	1577.8	5332.4	6474.6	6510.4
65°	1481.0	1278.4	1124.2	977.2	857.1	787.1	932.4	2571.2	3236.4	3193.3
67.5°	1271.2	1095.5	948.5	842.7	744.1	656.2	620.4	763.8	864.2	835.5
70°	1131.4	962.8	821.2	720.8	629.3	541.5	478.7	450.0	441.1	433.9
72.5°	975.4	828.4	681.3	584.5	498.5	417.8	360.4	326.3	317.4	310.2
75°	778.2	640.1	505.6	414.2	338.9	281.5	243.8	215.2	209.8	202.6
77.5°	514.6	410.6	301.2	245.6	200.8	170.3	145.2	127.3	123.7	120.1
80°	283.3	236.7	184.7	148.8	120.1	104.0	95.0	84.3	82.5	80.7
82.5°	168.5	141.6	105.8	84.3	69.9	62.8	57.4	52.0	50.2	48.4
85°	84.3	66.3	46.6	39.4	35.9	32.3	32.3	26.9	25.1	25.1
87.5°	21.5	17.9	10.8	9.0	9.0	9.0	7.2	5.4	5.4	3.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)